

Custom Report

PDB ID	Experimental Technique	Title	Authors	First Page	PubMed ID	Journal Name	Volume No	Publication Year
1ALU	X-RAY DIFFRACTION	HUMAN INTERLEUKIN-6	W.Somers, M.Stahl, J.S.Seehra	989	9118960	EMBO J	16	1997
1BBN	NMR	THREE-DIMENSIONAL SOLUTION STRUCTURE OF HUMAN INTERLEUKIN-4 BY MULTI-DIMENSIONAL HETERONUCLEAR MAGNETIC RESONANCE SPECTROSCOPY	R.Powers, D.S.Garrett, C.J.March, E.A.Frieden, A.M.Gronenborn, G.M.Clore	1673	1609277	Science	256	1992
1BCN	NMR	THREE-DIMENSIONAL SOLUTION STRUCTURE OF HUMAN INTERLEUKIN-4 BY MULTI-DIMENSIONAL HETERONUCLEAR MAGNETIC RESONANCE SPECTROSCOPY	R.Powers, D.S.Garrett, C.J.March, E.A.Frieden, A.M.Gronenborn, G.M.Clore	1673	1609277	Science	256	1992
1BJ8	NMR, MINIMIZED AVERAGE STRUCTURE	THIRD N-TERMINAL DOMAIN OF GP130, NMR, MINIMIZED AVERAGE STRUCTURE	T.Kernebeck, S.Pflanz, G.Muller-Newen, G.Kurapkat, R.M.Scheek, K.Dijkstra, P.C.Heinrich, A.Wollmer, S.Grzesiek, J.Grotzinger	5	10210178	Protein Sci.	8	1999
1BQU	X-RAY DIFFRACTION	CYTOKYNE-BINDING REGION OF GP130	J.Bravo, D.Staunton, J.K.Heath, E.Y.Jones	1665	9501088	EMBO J	17	1998
1CYL	NMR	ASPECTS OF RECEPTOR BINDING AND SIGNALLING OF INTERLEUKIN-4 INVESTIGATED BY SITE-	T.Muller, T.Dieckmann, W.Sebald, H.Oschkinat	423	8151703	J Mol Biol	237	1994

		DIRECTED MUTAGENESIS AND NMR SPECTROSCOPY						
I145	X-RAY DIFFRACTION	HUMAN INTERLEUKIN-12	C.Yoon, S.C.Johnston, J.Tang, M.Stahl, J.F.Tobin, W.S.Somers	3530	10899108	Embo J.	19	2000
I171	X-RAY DIFFRACTION	INTERLEUKIN-4 MUTANT E9A	M.Hulsmeyer, C.Scheufle, M.K.Dreyer	1334	11526337	Acta Crystallogr., Sect.D	57	2001
I116	NMR, 20 STRUCTURES	STRUCTURE OF INTERLEUKIN 16: IMPLICATIONS FOR FUNCTION, NMR, 20 STRUCTURES	P.Muhlhahn, M.Zweckstetter, J.Georgescu, C.Ciosto, C.Renner, M.Lanzendorfer, K.Lang, D.Ambrosius, M.Baier, R.Kurth, T.A.Holak	682	9699630	Nat Struct Biol	5	1998
I11B	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF RECOMBINANT HUMAN INTERLEUKIN-1BETA AT 2.0 ANGSTROMS RESOLUTION	B.C.Finzel, L.L.Clancy, D.R.Holland, S.W.Muchmore, K.D.Watenpaugh, H.M.Einspahr	779	2585509	J Mol Biol	209	1989
I11R	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF A CYTOKINE/RECEPTOR COMPLEX	D.Chow, X.He, A.L.Snow, S.Rose-John, K.C.Garcia	2150	11251120	Science	291	2001
I11CE	X-RAY DIFFRACTION	STRUCTURE AND MECHANISM OF INTERLEUKIN-1BETA CONVERTING ENZYME	K.P.Wilson, J.A.Black, J.A.Thomson, E.E.Kim, J.P.Griffith, M.A.Navia, M.A.Murcko, S.P.Chambers, R.A.Aldape, S.A.Raybuck, et al.	270	8035875	Nature	370	1994
I11CW	X-RAY DIFFRACTION	INTERLEUKIN-8, MUTANT WITH GLU 38 REPLACED BY CYS AND CYS 50 REPLACED BY ALA	C.Eigenbrot, H.B.Lowman, L.Chee, D.R.Artis	556	9141135	Proteins	27	1997
I11L8	NMR	THREE-DIMENSIONAL STRUCTURE OF INTERLEUKIN 8 IN	G.M.Clore, E.Appella, M.Yamada, K.Matsushima,	1689	2184886	Biochemistry	29	1990

		SOLUTION	A.M.Gronenborn				
IIR	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF THE INTERLEUKIN-1 RECEPTOR ANTAGONIST	H.A.Schreuder, J.M.Rondeau, C.Tardif, A.Soffientini, E.Sarubbi, A.Akeson, T.L.Bowlin, S.Yanofsky, R.W.Barrett	838 <u>7867645</u>	Eur J Biochem	227	1995
IINR	X-RAY DIFFRACTION	CYTOKINE SYNTHESIS	M.R.Walter, T.L.Nagabushan	12118 <u>7547951</u>	Biochemistry	34	1995
IIRL	NMR, MINIMIZED AVERAGE STRUCTURE	THE SOLUTION STRUCTURE OF THE F42A MUTANT OF HUMAN INTERLEUKIN 2	H.R.Mott, B.S.Baines, R.M.Hall, R.M.Cooke, P.C.Driscoll, M.P.Weir, I.D.Campbell	979 <u>7723044</u>	J Mol Biol	247	1995
IITB	X-RAY DIFFRACTION	TYPE-1 INTERLEUKIN-1 RECEPTOR COMPLEXED WITH INTERLEUKIN-1 BETA	G.P.Vigers, L.J.Anderson, P.Caffes, B.J.Brandhuber	190 <u>9062193</u>	Nature	386	1997
IITL	NMR	HUMAN INTERLEUKIN 4: THE SOLUTION STRUCTURE OF A FOUR-HELIX-BUNDLE PROTEIN	L.J.Smith, C.Redfield, J.Boyd, G.M.Lawrence, R.G.Edwards, R.A.Smith, C.M.Dobson	899 <u>1569578</u>	J Mol Biol	224	1992
IITM	NMR	ANALYSIS OF THE SOLUTION STRUCTURE OF HUMAN INTERLEUKIN 4 DETERMINED BY HETERONUCLEAR THREE-DIMENSIONAL NUCLEAR MAGNETIC RESONANCE TECHNIQUES	C.Redfield, L.J.Smith, J.Boyd, G.M.Lawrence, R.G.Edwards, C.J.Gershater, R.A.Smith, C.M.Dobson	23 <u>8145254</u>	J Mol Biol	238	1994
IILI	NMR, MINIMIZED AVERAGE STRUCTURE	HUMAN INTERLEUKIN 3 (IL-3) MUTANT WITH TRUNCATION AT BOTH N- AND C-TERMINI AND 14 RESIDUE CHANGES, NMR, MINIMIZED AVERAGE STRUCTURE	Y.Feng, B.K.Klein, C.A.McWherter	524 <u>8676386</u>	J Mol Biol	259	1996
	X-RAY	CRYSTAL STRUCTURE OF	S.G.Hymowitz,	5332 <u>11574464</u>	Embo J.	20	2001

1JPY	DIFFRACTION	IL-17F	E.H.Filvaroff, J.P.Yin, J.I.Lee, L.Cai, P.Risser, M.Marouka, W.Mao, J.Foster, R.F.Kelley, G.Pan, A.I.Gurney, A.M.De Vos, M.A.Starovashnik	14250	11734640	Proc.Nat.Acad.Sci.USA	98	2001
1JXQ	X-RAY DIFFRACTION	STRUCTURE OF CLEAVED CARD DOMAIN DELETED CASPASE-9	M.Renatus, H.R.Sternicke, F.L.Scott, R.C.Liddington, G.S.Salvesen	543	n/a	Proteins: Struct.,Funct.,Genet.	49	2002
1JXS	NMR, 20 STRUCTURES	SOLUTION STRUCTURE OF THE DNA-BINDING DOMAIN OF INTERLEUKIN 1-BETA ENHANCER BINDING FACTOR	P.P.Liu, Y.C.Chen, C.Li, Y.H.Hsieh, S.W.Chen, S.H.Chen, W.Y.Jeng, W.J.Chuang	290	n/a	Acta Crystallogr., Sect.D	59	2003
1L2H	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF INTERLEUKIN 1-BETA F42W/W120F MUTANT	M.G.Rudolph, M.S.Kelker, T.R.Schneider, T.O.Yeates, V.Oseroff, D.K.Heidary, P.A.Jennings, I.A.Wilson	9404	12093920	Proc.Nat.Acad.Sci.USA	99	2002
1LQS	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF HUMAN CYTOMEGALOVIRUS IL-10 BOUND TO SOLUBLE HUMAN IL-10R1	B.C.Jones, N.J.Logsdon, K.Josephson, J.Cook, P.A.Barry, M.R.Walter	10938	n/a	Biochemistry	42	2003
1MD6	X-RAY DIFFRACTION	HIGH RESOLUTION CRYSTAL STRUCTURE OF MURINE IL-11FS REVEALS UNIQUE LOOP CONFORMATION FOR SPECIFICITY	E.F.Dunn, N.J.Gay, A.F.Bristow, D.P.Gearing, L.A.O'Neill, X.Y.Pei	3308	n/a	J.Biol.Chem.	278	2003
1NIF	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF HUMAN INTERLEUKIN-19	C.Chang, E.Magracheva, S.Kozlov, S.Fong, G.Tobin, S.Kotenko, A.Wlodawer, A.Zdanov					

INAP	X-RAY DIFFRACTION	THE CRYSTAL STRUCTURE OF RECOMBINANT HUMAN NEUTROPHIL-ACTIVATING PEPTIDE-2 (M6L) AT 1.9-ANGSTROMS RESOLUTION	M.G.Malkowski, J.Y.Wu, J.B.Lazar, P.H.Johnson, B.F.Edwards	7077	7706245	J Biol Chem	270	1995
1077	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF THE C713S MUTANT OF THE TIR DOMAIN OF HUMAN TLR2	X.Tao, Y.Xu, Y.Zheng, A.Beg, L.Tong	216	n/a	Biochem.Biophys.Res.Comm.	299	2002
10BX	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF THE COMPLEX OF PDZ2 OF SYNTENIN WITH AN INTERLEUKIN 5 RECEPTOR ALPHA PEPTIDE.	B.S.Kang, D.R.Cooper, Y.Devedjiev, U.Derewenda, Z.S.Derewenda	845	n/a	Structure	11	2003
10BY	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF THE COMPLEX OF PDZ2 OF SYNTENIN WITH A SYNDECAN-4 PEPTIDE.	B.S.Kang, D.R.Cooper, Y.Devedjiev, U.Derewenda, Z.S.Derewenda	845	n/a	Structure	11	2003
10BZ	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF THE COMPLEX OF THE PDZ TANDEM OF SYNTENIN WITH AN INTERLEUKIN 5 RECEPTOR ALPHA PEPTIDE.	B.S.Kang, D.R.Cooper, Y.Devedjiev, U.Derewenda, Z.S.Derewenda	845	n/a	Structure	11	2003
1P9M	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF THE HEXAMERIC HUMAN IL-6/IL-6 ALPHA RECEPTOR/GP130 COMPLEX	M.J.Boulanger, D.C.Chow, E.E.Brevnova, K.C.Garcia	2101	n/a	Science	300	2003
1PAU	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF THE COMPLEX OF APOPAIN WITH THE RETRAPEPTIDE ALDEHYDE INHIBITOR AC-DEVD-CHO	J.Rotonda, D.W.Nicholson, K.M.Fazil, M.Gallant, Y.Gareau, M.Labelle, E.P.Peterson, D.M.Rasper, R.Ruel, J.P.Vaillancourt, N.A.Thornberry, J.W.Becker	619	8673606	Nat Struct Biol	3	1996
1PVH	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF LEUKEMIA INHIBITORY FACTOR IN COMPLEX WITH GP130	M.J.Boulanger, A.J.Bankovich, T.Kortemme, D.Baker, K.C.Garcia	577	n/a	Mol. Cell	12	2003

1PW6	X-RAY DIFFRACTION	LOW MICROMOLAR SMALL MOLECULE INHIBITOR OF IL-2	C.D.Thanos, M.Randal, J.A.Wells	15280	n/a	J.Am.Chem.Soc.	125	2003
1PY2	X-RAY DIFFRACTION	STRUCTURE OF A 60 NM SMALL MOLECULE BOUND TO A HOT SPOT ON IL-2	C.D.Thanos, M.Randal, J.A.Wells	15280	n/a	J.Am.Chem.Soc.	125	2003
1QDU	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF THE COMPLEX OF CASPASE-8 WITH THE TRipeptIDE KETONE INHIBITOR ZEVD-DCBMK	H.Blanchard, L.Kodandapani, P.R.E.Mitt, S.D.Marco, J.K.Krebs, J.C.Wu, K.J.Tomaselli, M.G.Gruetter	1125	10508784	Structure (London)	7	1999
1RCB	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF HUMAN RECOMBINANT INTERLEUKIN-4 AT 2.25 ANGSTROMS RESOLUTION	A.Wlodaver, A.Pavlovsky, A.Gustchina	59	1511746	FEBS Lett	309	1992
1ROD	NMR, 8 STRUCTURES	CHIMERIC PROTEIN OF INTERLEUKIN 8 AND HUMAN MELANOMA GROWTH STIMULATING ACTIVITY PROTEIN, NMR	H.Sticht, M.Auer, B.Schmitt, J.Besemer, M.Horcher, T.Kirsch, I.J.Lindley, P.Rosch	26	8631339	Eur J Biochem	235	1996
1TVX	X-RAY DIFFRACTION	NEUTROPHIL ACTIVATING PEPTIDE-2 VARIANT FORM M6L WITH FIVE ADDITIONAL AMINO TERMINAL RESIDUES (DSDLY)	M.G.Malkowski, J.B.Lazar, P.H.Johnson, B.F.Edwards	367	9047370	J Mol Biol	266	1997
2CYK	NMR	ASPECTS OF RECEPTOR BINDING AND SIGNALLING OF INTERLEUKIN-4 INVESTIGATED BY SITE-DIRECTED MUTAGENESIS AND NMR SPECTROSCOPY	T.Muller, T.Dieckmann, W.Sebald, H.Oschkinat	423	8151703	J Mol Biol	237	1994
2FGF	X-RAY DIFFRACTION	THREE-DIMENSIONAL STRUCTURE OF HUMAN BASIC FIBROBLAST GROWTH FACTOR, A STRUCTURAL HOMOLOG OF INTERLEUKIN 1BETA	J.D.Zhang, L.S.Cousens, P.J.Barr, S.R.Sprang	3446	1849658	Proc Natl Acad Sci U S A	88	1991
	X-RAY	CRYSTALLOGRAPHIC	J.P.Priestle, H.P.Schar,	9667	2602367	Proc Natl Acad Sci U S A	86	1989

211B	DIFFRACTION	REFinement of Interleukin-1Beta at 2.0 Angstroms Resolution	M.G.Gruetter				
2118	NMR	Three-Dimensional Structure of Interleukin 8 in Solution	G.M.Clore, E.Appella, M.Yamada, K.Matsushima, A.M.Gronenborn	1689	<u>2184886</u>	Biochemistry	29
211A	X-RAY DIFFRACTION	STRUCTURE OF INTERLEUKIN 1ALPHA AT 2.7-ANGSTROMS RESOLUTION	B.J.Graves, M.H.Hatada, W.A.Hendrickson, J.K.Miller, V.S.Madison, Y.Satow	2679	<u>2346741</u>	Biochemistry	29
3118	X-RAY DIFFRACTION	CRYSTAL STRUCTURE OF INTERLEUKIN 8: SYMBIOSIS OF NMR AND CRYSTALLOGRAPHY	E.T.Baldwin, I.T.Weber, R.St Charles, J.C.Xuan, E.Appella, M.Yamada, K.Matsushima, B.F.Edwards, G.M.Clore, A.M.Gronenborn, et al.	502	<u>1988949</u>	Proc Natl Acad Sci U S A	88
311K	X-RAY DIFFRACTION	UNRAVELING THE STRUCTURE OF INTERLEUKIN-2: REPLY	D.B.Mckay	412	n/a	Science	257
411B	X-RAY DIFFRACTION	FUNCTIONAL IMPLICATIONS OF INTERLEUKIN-1BETA BASED ON THE THREE-DIMENSIONAL STRUCTURE	B.Veerapandian, G.L.Gilliland, R.Raag, A.L.Svensson, Y.Masui, Y.Hirai, T.L.Poulos	10	<u>1553379</u>	Proteins	12
511B	X-RAY DIFFRACTION	A COMPARISON OF THE HIGH RESOLUTION STRUCTURES OF HUMAN AND MURINE INTERLEUKIN-1B	D.H.Ohendorf, A.C.Treharne, P.C.Weber, J.J.Wendoloski, F.R.Salemme, M.Lischwe, R.C.Newton	n/a	n/a	To be Published	n/a
611B	NMR	HIGH-RESOLUTION THREE-DIMENSIONAL STRUCTURE OF INTERLEUKIN 1BETA IN SOLUTION BY THREE- AND FOUR-DIMENSIONAL	G.M.Clore, P.T.Wingfield, A.M.Gronenborn	2315	<u>2001363</u>	Biochemistry	30

		NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY					
<u>711B</u>	<u>NMR</u>	HIGH-RESOLUTION THREE-DIMENSIONAL STRUCTURE OF INTERLEUKIN 1BETA IN SOLUTION BY THREE-AND FOUR-DIMENSIONAL NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY	G.M.Clore, P.T.Wingfield, A.M.Gronenborn	2315	<u>2001363</u>	Biochemistry	30
<u>811B</u>	<u>X-RAY DIFFRACTION</u>	A COMPARISON OF THE HIGH RESOLUTION STRUCTURES OF HUMAN AND MURINE INTERLEUKIN-1B	D.H.Ohrendorf, A.C.Treharne, P.C.Weber, J.J.Wendoloski, F.R.Salemme	n/a	n/a	To be Published	n/a
<u>911B</u>	<u>X-RAY DIFFRACTION</u>	HUMAN INTERLEUKIN-1 BETA	B.Yu, M.Blaber, A.M.Gronenborn, G.M.Clore, D.L.Caspar	103	<u>9874779</u>	Proc Natl Acad Sci U S A	96

[Modify Report](#)



Query Result Browser



Your query found 55 structures in the current PDB release and you have selected 0 structures so far. (There are currently 5 structures being processed or "on hold" matching your query!) You can select specific structures by clicking on the checkbox next to their id. If you do not select any structures, certain options will default to all structures.

Review your query:

Query	Structures		
	found	selected	on hold
© Text Search: interleukin	55	0	5



RCSB
©

RCSB
©